OIPE JC184
JAN 24 2005
PATENT & TRADEMARK OFFICE

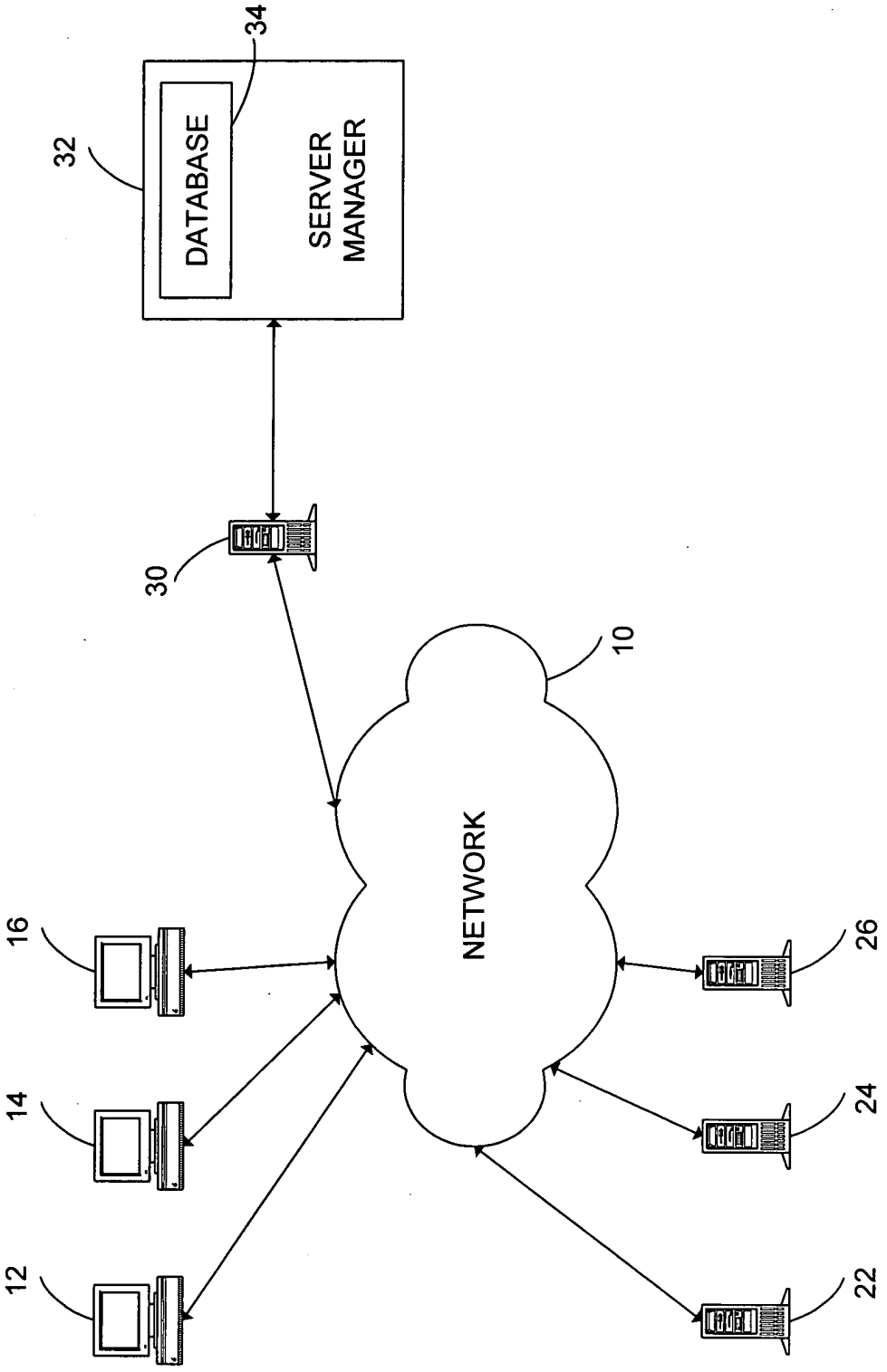


FIG. 1

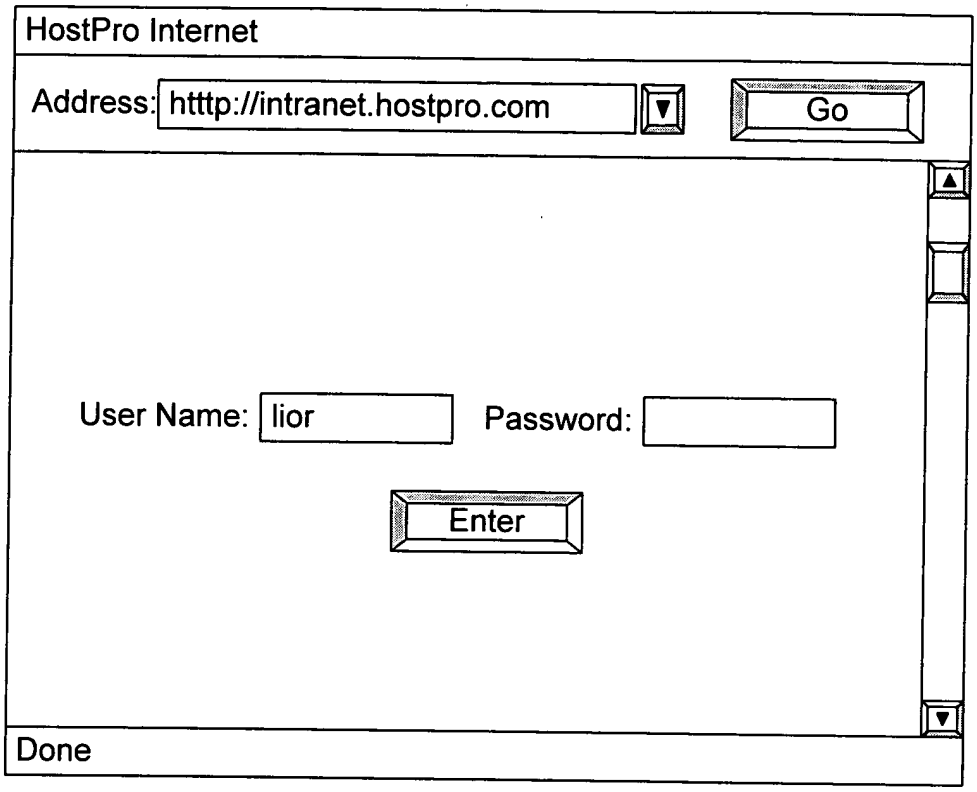

HostPro Internet
Address:
htttp://intranet.hostpro.com
Go
User Name:
lior
Password:
Enter
Done

FIG. 2

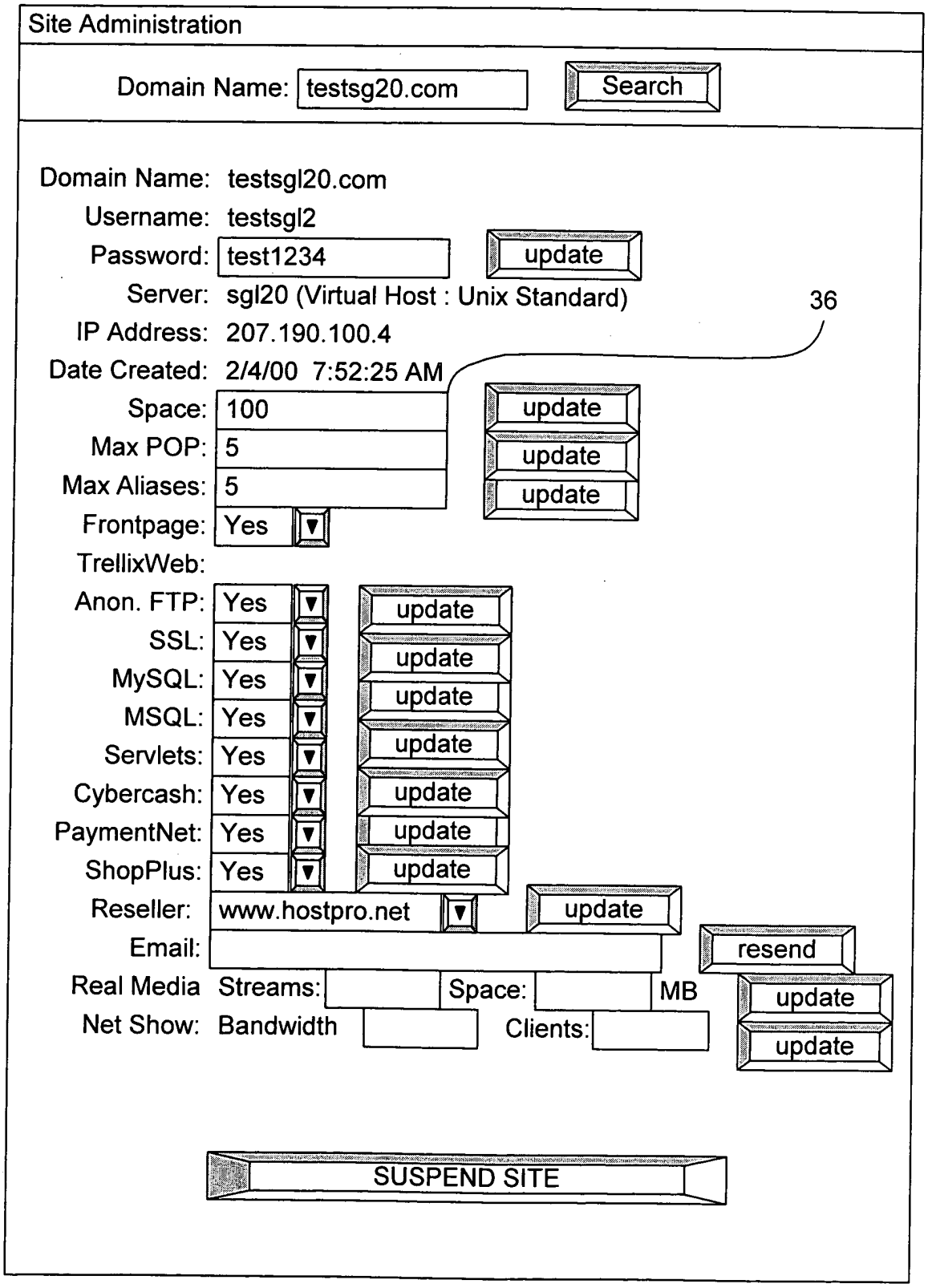

Site Administration
Domain Name: testsg20.com
Search
Domain Name: testsgl20.com
Username: testsgl2
Password: test1234
update
Server: sgl20 (Virtual Host : Unix Standard)
IP Address: 207.190.100.4
Date Created: 2/4/00 7:52:25 AM
Space: 100
Max POP: 5
Max Aliases: 5
Frontpage: Yes
TrellixWeb:
Anon. FTP: Yes
SSL: Yes
MySQL: Yes
MSQL: Yes
Servlets: Yes
Cybercash: Yes
PaymentNet: Yes
ShopPlus: Yes
Reseller: www.hostpro.net
Email:
Real Media Streams:
Space:
MB
Net Show: Bandwidth
Clients:
resend
SUSPEND SITE
36

FIG. 3

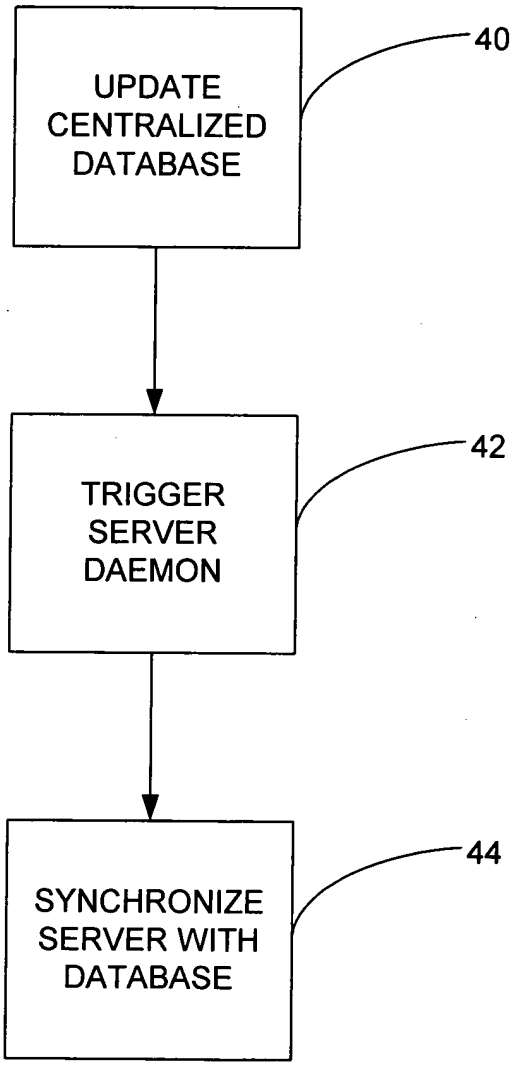

UPDATE CENTRALIZED DATABASE
40
TRIGGER SERVER DAEMON
42
SYNCHRONIZE SERVER WITH DATABASE
44

FIG. 4

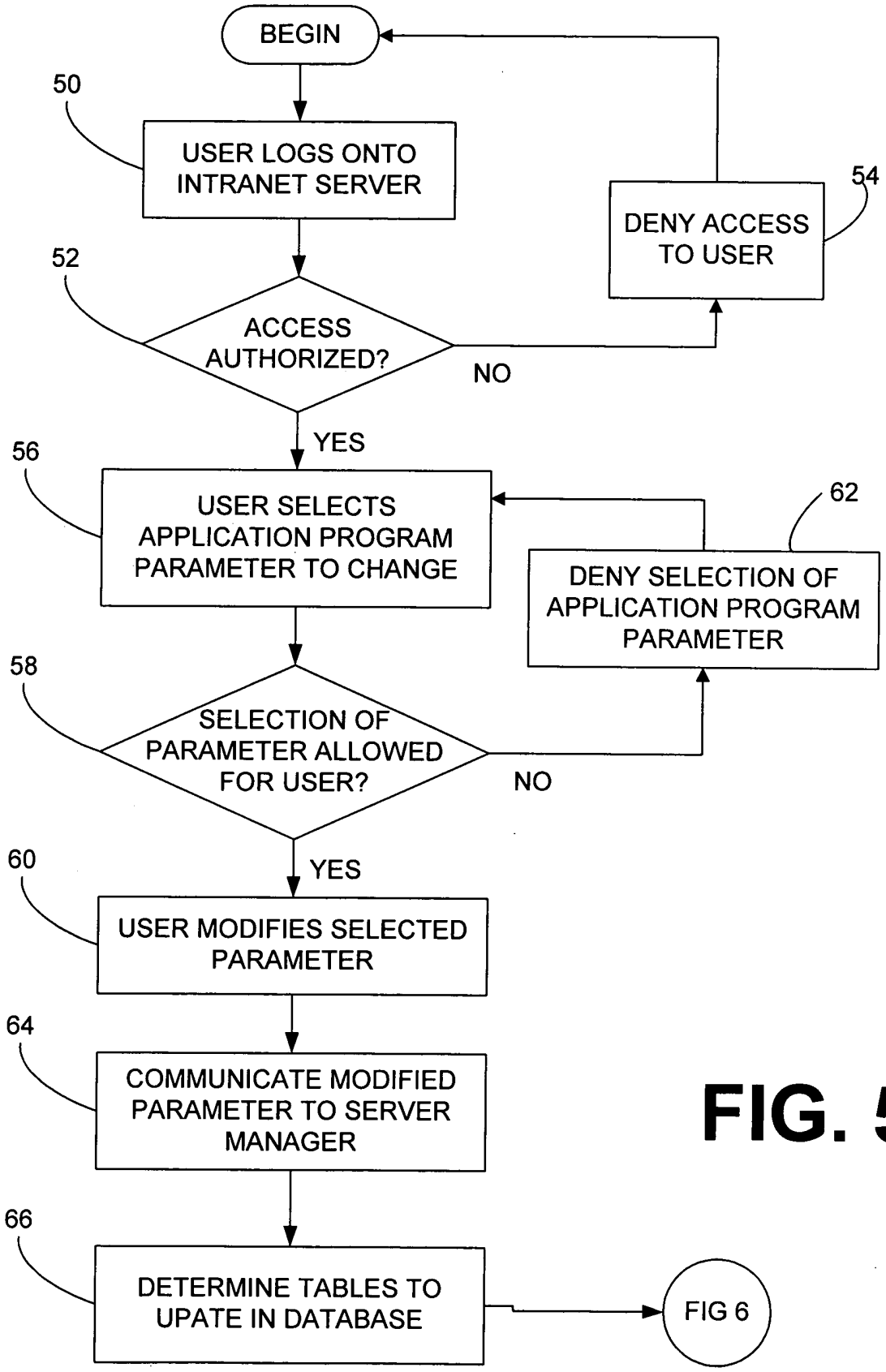

BEGIN
50
USER LOGS ONTO INTRANET SERVER
52
ACCESS AUTHORIZED?
NO
54
DENY ACCESS TO USER
YES
56
USER SELECTS APPLICATION PROGRAM PARAMETER TO CHANGE
62
DENY SELECTION OF APPLICATION PROGRAM PARAMETER
58
SELECTION OF PARAMETER ALLOWED FOR USER?
NO
YES
60
USER MODIFIES SELECTED PARAMETER
64
COMMUNICATE MODIFIED PARAMETER TO SERVER MANAGER
66
DETERMINE TABLES TO UPATE IN DATABASE
FIG 6

FIG. 5

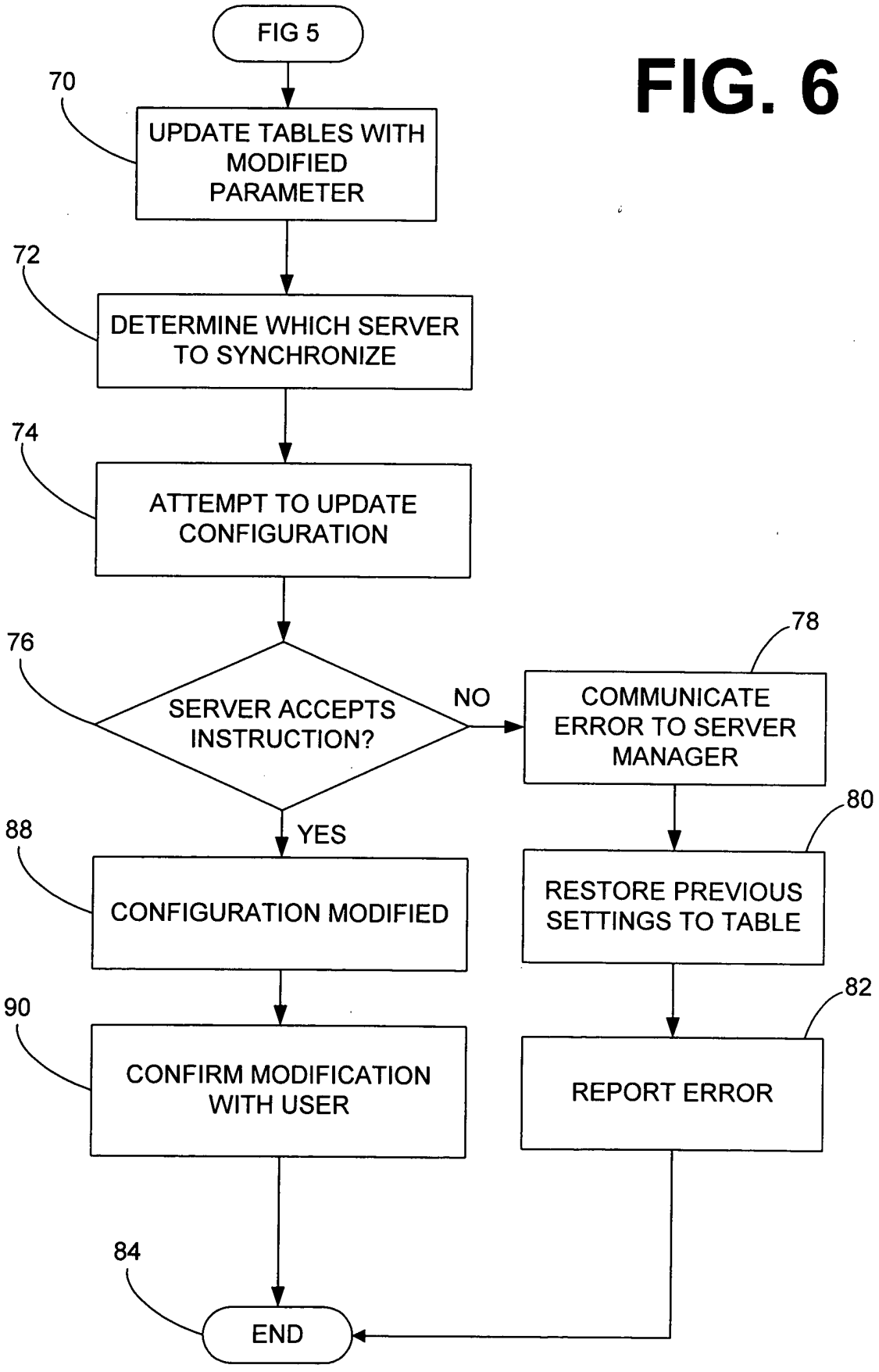


FIG 5
70
UPDATE TABLES WITH MODIFIED PARAMETER
72
DETERMINE WHICH SERVER TO SYNCHRONIZE
74
ATTEMPT TO UPDATE CONFIGURATION
76
SERVER ACCEPTS INSTRUCTION?
NO
78
COMMUNICATE ERROR TO SERVER MANAGER
80
RESTORE PREVIOUS SETTINGS TO TABLE
82
REPORT ERROR
YES
88
CONFIGURATION MODIFIED
90
CONFIRM MODIFICATION WITH USER
84
END

FIG. 6

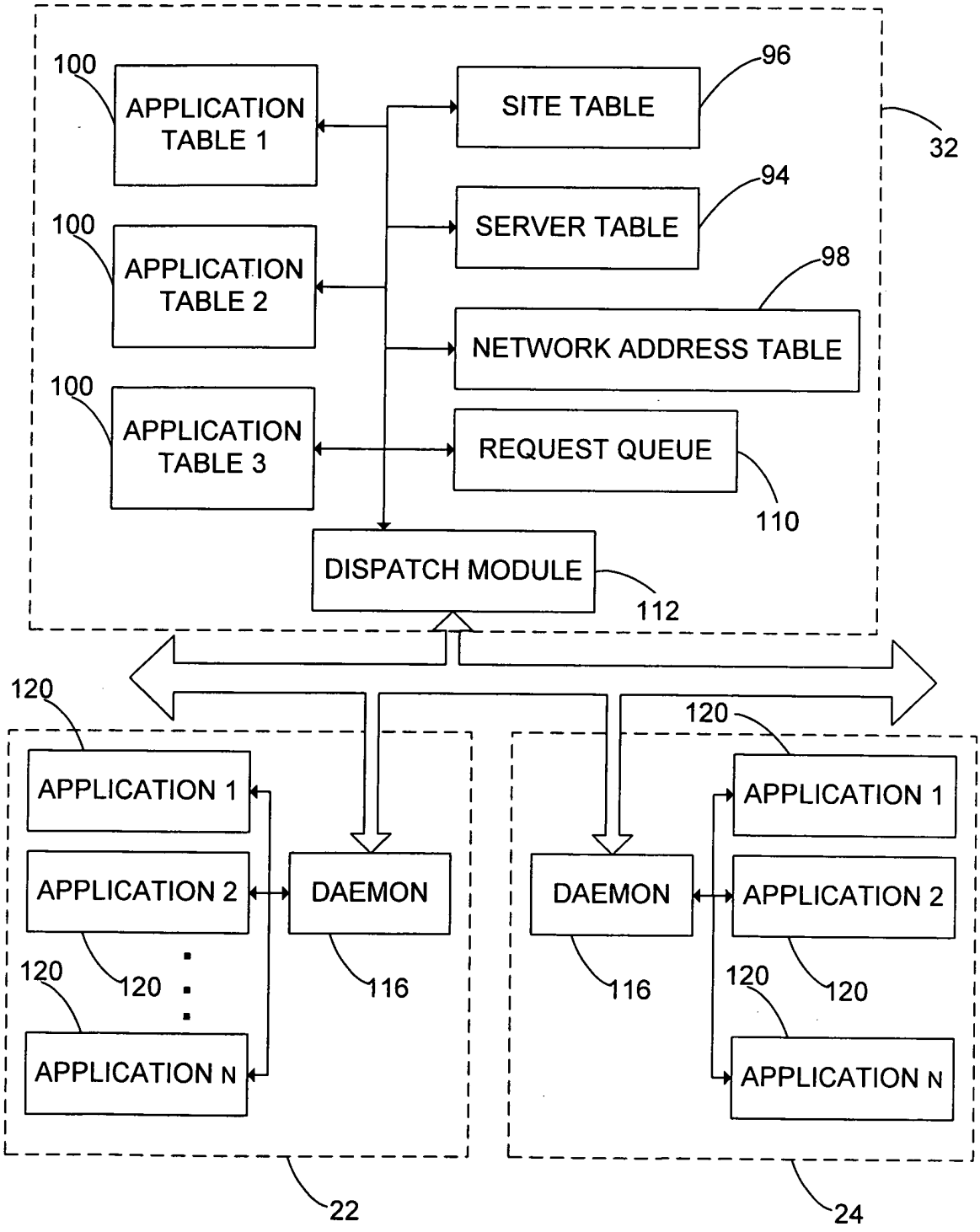

100
APPLICATION TABLE 1
100
APPLICATION TABLE 2
100
APPLICATION TABLE 3
SITE TABLE
96
SERVER TABLE
94
NETWORK ADDRESS TABLE
98
REQUEST QUEUE
110
DISPATCH MODULE
112
32
120
APPLICATION 1
APPLICATION 2
120
APPLICATION N
DAEMON
116
22
120
APPLICATION 1
APPLICATION 2
120
APPLICATION N
DAEMON
116
24

FIG. 7

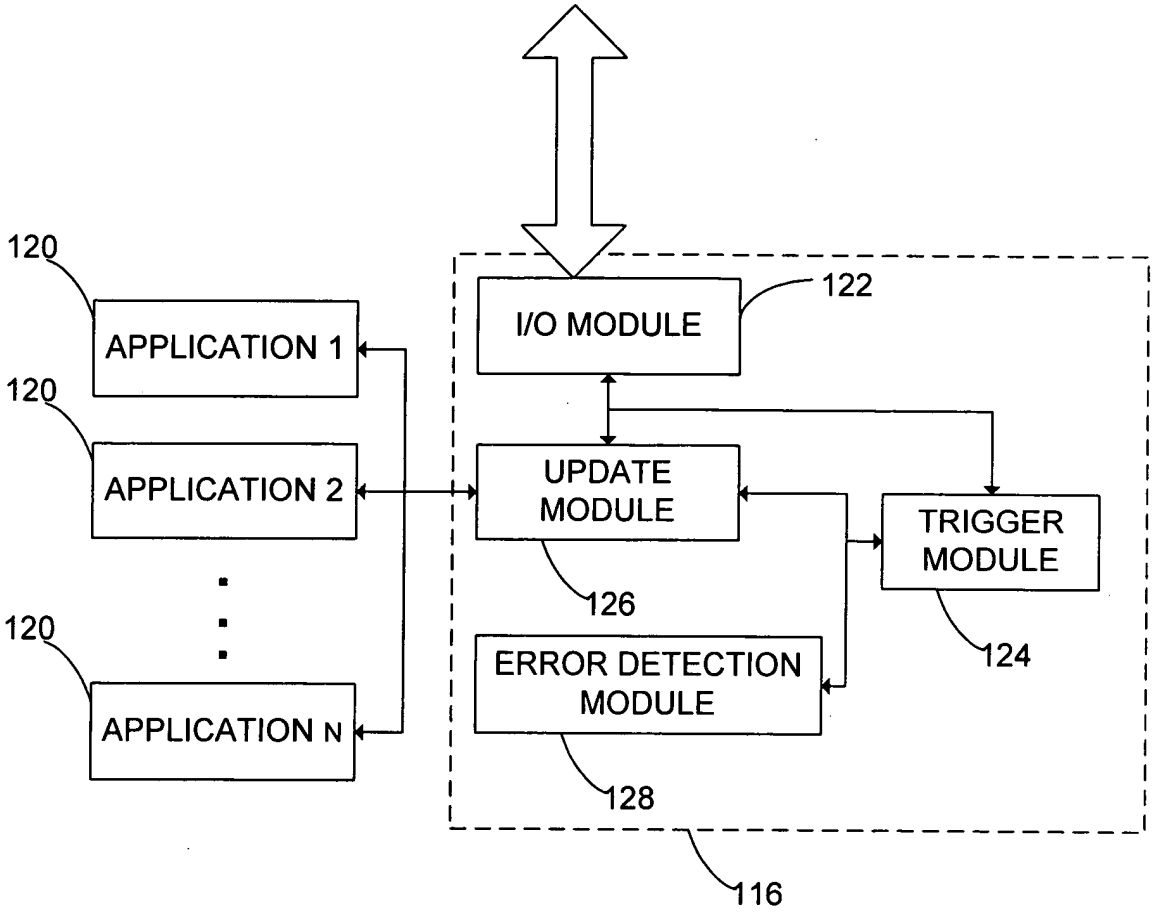
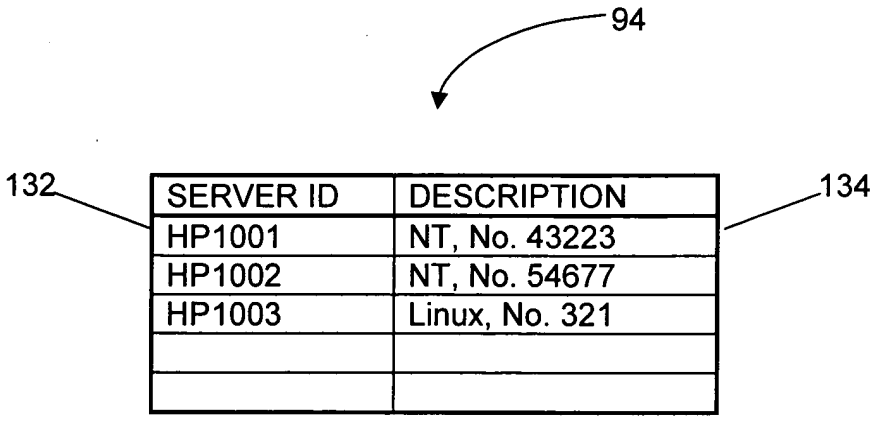
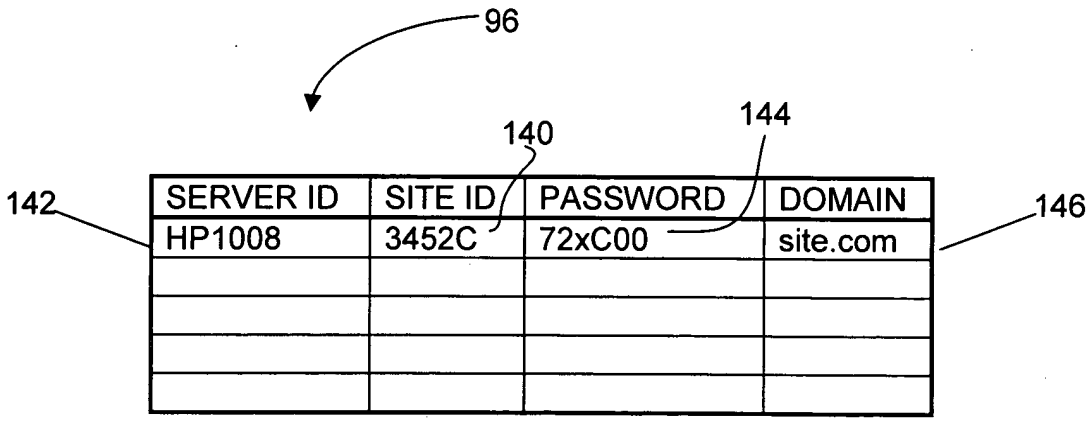

120
APPLICATION 1
120
APPLICATION 2
120
APPLICATION N
I/O MODULE
122
UPDATE MODULE
126
TRIGGER MODULE
124
ERROR DETECTION MODULE
128
116

FIG. 8



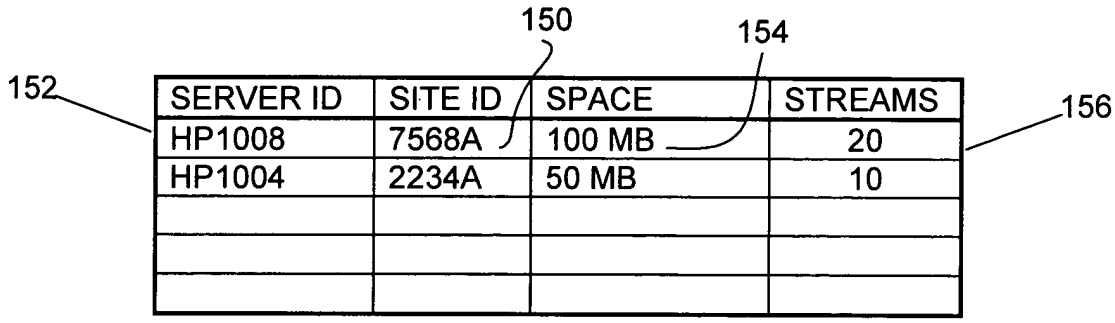
SERVER TABLE

FIG. 9



SITE TABLE

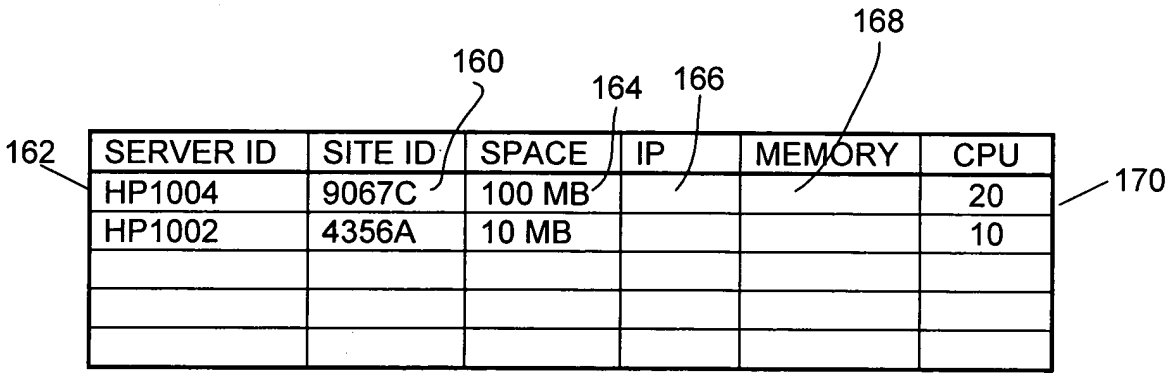
FIG. 10



SERVER ID	SITE ID	SPACE	STREAMS
HP1008	7568A	100 MB	20
HP1004	2234A	50 MB	10

MEDIA SERVER TABLE

FIG. 11



SERVER ID	SITE ID	SPACE	IP	MEMORY	CPU
HP1004	9067C	100 MB			20
HP1002	4356A	10 MB			10

WEB SERVER TABLE

FIG. 12

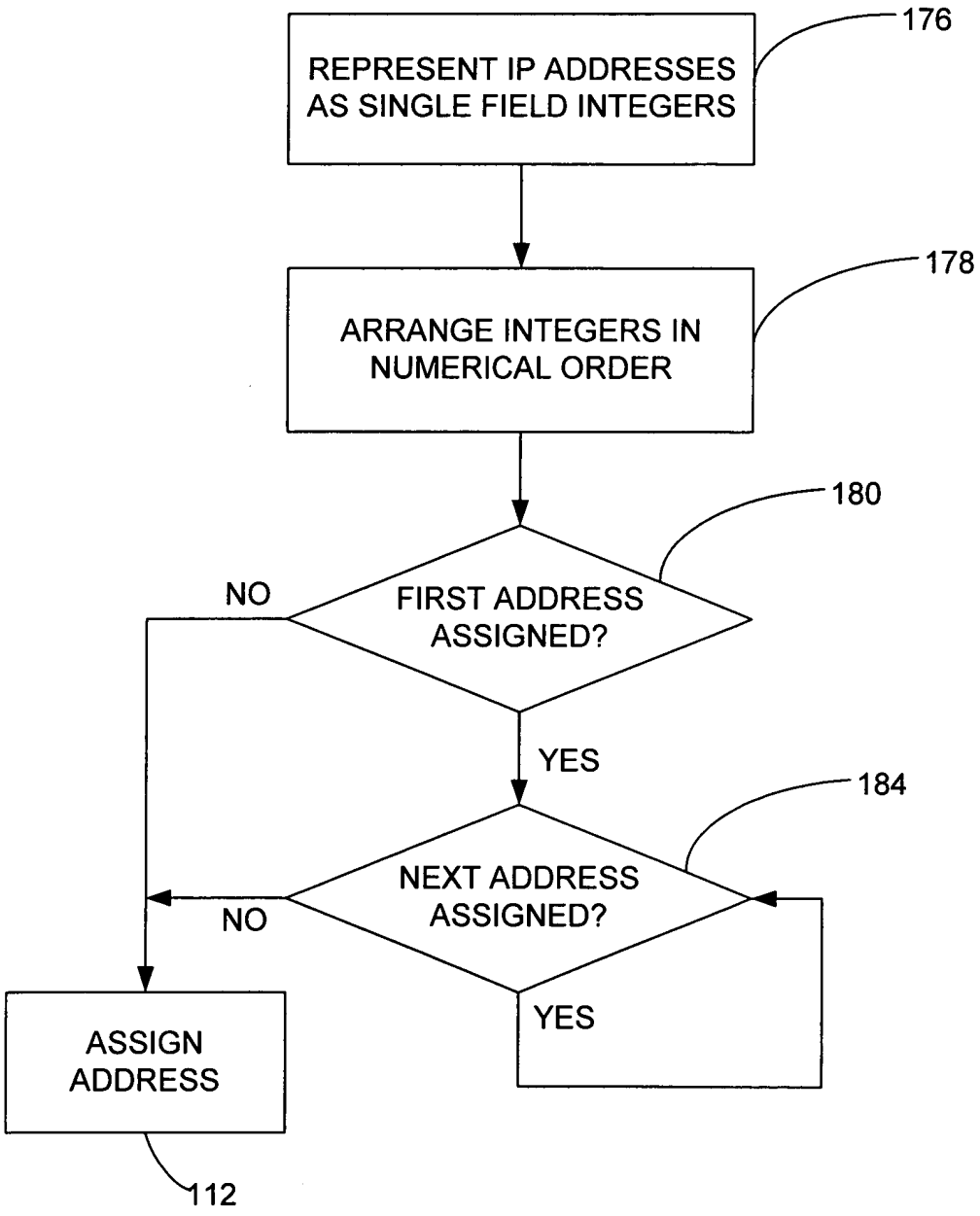

REPRESENT IP ADDRESSES AS SINGLE FIELD INTEGERS
176
ARRANGE INTEGERS IN NUMERICAL ORDER
178
FIRST ADDRESS ASSIGNED?
180
NO
YES
NEXT ADDRESS ASSIGNED?
184
NO
YES
ASSIGN ADDRESS
112

FIG. 13